

PERFORMANCE DATA

Important Notice: Read performance data and compare the capabilities of the system with your actual water treatment requirements. It is recommended that the supply water be tested, before installing a water treatment system, to determine your water treatment needs.

GSBF-1500 System Installed With GSBF-1500R-S6-11 Filter Cartridge

This system has been tested according to NSF/ANSI 42 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water exiting the system, as specified in NSF/ANSI 42.

Substance	Influent Challenge Concentration	Maximum Permissible Product Water	Reduction	
			Requirements	Average
Standard 42				
Chlorine taste & odor	2.0 mg/L \pm 10%		\geq 50%	97.4%
Particulates (0.5- $<$ 5m) Class II	at least 10,000 particles/mL		\geq 85%	99.5%



The GSBF-1500 is Tested and Certified by NSF International against NSF/ANSI Standard 42 for the reduction of substances listed in the table above.

GSBF-1750 System Installed With GSBF-1750R-S6-11 Filter Cartridge

This system has been tested according to NSF/ANSI 42 and 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water exiting the system, as specified in NSF/ANSI 42 and 53.

Substance	Influent Challenge Concentration	Maximum Permissible Product Water	Reduction	
			Requirements	Average
Standard 42				
Chlorine	2.0 mg/L \pm 10%		\geq 50%	97.5%
Particulates (0.5- $<$ 1m) Class I	at least 10,000 particles/mL		\geq 85%	99.7%
Standard 53				
Cysts	Minimum 50,000 Microsphere/L		\geq 99.95%	99.99%
Lead (pH 6.5)	0.15 mg/L \pm 10%	0.010 mg/L		99.2%
Lead (pH 8.5)	0.15 mg/L \pm 10%	0.010 mg/L		99.3%
Lindane	0.002 mg/L \pm 10%	0.0002 mg/L		98.9%
Asbestos			\geq 99%	99.0%
Mercury (pH 6.5)	0.006 \pm 10%	0.002 mg/L		96.6%
Mercury (pH 8.5)	0.006 \pm 10%	0.002 mg/L		91.7%
Atrazine	0.009 mg/L \pm 10%	0.003 mg/L		94.5%



The GSBF-1750 is Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of substances listed in the table above.

Test Conditions

Flow Rate	= 0.6 gpm (2.3 Lpm)
Filter Capacity	
GSBF-1500 System	= 2500 gallons (9460 L)
GSBF-1750 System	= 750 gallons (2839 L)
Inlet Pressure	= 60 psi (4.1 bar)
PH	= 7.5 \pm 0.5
Lead and Mercury 6.5	= 6.5 \pm 0.25
Lead and Mercury 8.5	= 8.5 \pm 0.25
Temperature	= 68°F \pm 5°F (20°C \pm 2.5°C)

Testing was performed under standard laboratory conditions, actual performance may vary.

Operating Requirements for GSBF-1500 and GSBF-1750 Systems

Pressure	= 30-100 psi (2.1-6.8 bar)
Temperature	= 40-100°F (4.4-37.8°C)
Turbidity	= 5 NTU Max.



WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

Note: The system must be maintained according to manufacturer's recommendations, including replacement of filter cartridges. The contaminants or other substances removed or reduced by this system are not necessarily in your water.

State of California Department of Public Health Water Treatment Device Certificate Number 11 - 2090 Date Issued: September 9, 2011	
Trademark/Model Designation GE GSBF-1750	Replacement Elements GSBF-1750R
Manufacturer: Pentair Residential Filtration, LLC	
The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:	
Microbiological Contaminants and Turbidity Cysts	Inorganic/Radiological Contaminants Asbestos Lead Mercury
Organic Contaminants Atrazine Lindane	
Rated Service Capacity: 750 gallons	Rated Service Flow: 0.6 gpm
Conditions of Certification: Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.	